



Product: [50668125U](#) 

2C1.5 mm2 XLP/LSZH Speaker Cable B1 Rating

Product Description

2C1.5 mm2, Stranded bare copper conductor, XLPE insulated, cores laid up together & binded by non-woven tape binder & Overall low smoke zero halogen single jacket speaker cable

Technical Specifications

Product Overview

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Control Systems
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Construction Details

Conductor

Element	No. of Elements	Stranding	Stranding Class	Material
Conductor(s)	2	Class 6	Class 6	BC - Bare Copper

Insulation

Material	Color Code
XLP, XLPO, XLPE	Black, Red

Inner Jacket Table Notes:	All Cores laid up together & binded by FR Non- woven tape binder
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Outer Jacket

Material
LSZH - Low Smoke Zero Halogen (Flame Retardant)

Overall Cable Diameter (Nominal):	7.6 mm (0.30 in)
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Electrical Characteristics

Electricals

Max. Conductor DCR
13.3 Ω /km @ 20°C

Voltage

Voltage Rating
300 V

Mechanical Characteristics

Temperature

Operating
-30°C To +90°C

Bulk Cable Weight:	81 kg/km (54 lbs/1000ft)
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Standards and Compliance

Flammability / Reaction to Fire:	IEC 60332-1-2, IEC 60332-3-24
ISO/IEC Compliance:	Smoke Density as per IEC 61034-2
European Halogen Free Standards:	IEC 60754-1 - Halogen Amount = Max. 0.5%, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 10 μ S/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3

Product Notes

Notes:	GB31247 B1(d1,t0,a1)
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History

Update and Revision:	Revision Number: 0.20 Revision Date: 10-07-2026
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